

Aryan Hansoti

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Location: Ahmedabad, Gujarat, India

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EDUCATION

Nirma University

Bachelor of Technology in Computer Science Engineering

Ahmedabad, Gujarat

Aug 2023 – Aug 2027

- **CGPA:** 8.12/10
- Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Discrete Mathematics, Probability and Statistics

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, SQL

Frameworks: React.js, Node.js, Express.js, TailwindCSS, Bootstrap, Framer Motion

Libraries: Chart.js, React Router, Context API

Databases: MongoDB, MySQL, PostgreSQL

Developer Tools: Git, GitHub, Postman, VS Code, Jupyter Notebook

Core CS: DSA, DBMS, OS, OOP

PROJECTS

Parking Issue Resolution System

[GitHub](#)

- Developed the frontend for a full-stack **web application** that enables users to report illegal parking using **React.js, TailwindCSS, and Framer Motion**.
- Implemented **geolocation tracking**, interactive maps, and a responsive UI to ensure seamless accessibility across devices.
- Integrated real-time **RESTful APIs** with backend services for reporting and tracking violations.
- Collaborated with backend team using **Spring Boot** and **MongoDB Atlas**, with secure access through **JWT authentication**.

Spotify Clone (Music Streaming & Playlists)

[GitHub](#)

- Engineered a full-stack **music streaming platform** using the **MERN stack**, replicating core Spotify functionalities.
- Integrated the **Spotify API** for playlist and track fetching with seamless playback and real-time synchronization.
- Implemented intelligent **caching mechanisms** with custom backend **in-memory data structures** for reduced API latency.
- Utilized **React Context API** for frontend caching and global state management, enabling instant playlist switching without local storage.
- Incorporated **lazy loading** of playlists and **backend pagination** to improve performance and scalability.
- Integrated the **YouTube API** to stream unavailable tracks and ensure reliable music playback.

CropFinancePro – Hackathon Finalist (Top 10/400+)

[GitHub](#)

- Designed and built the frontend of an AI-powered farmer credit scoring platform using **React.js**.
- Implemented secure form submissions and loan tracking through backend **RESTful API** integration.
- Delivered responsive design and intuitive data visualizations using **Chart.js** to enhance decision-making.
- Automated email/SMS notifications for loan updates, improving platform usability.
- Ranked in the **Top 10 out of 400+ teams** at the Ahmedabad University Hackathon.

COMPETITIVE PROGRAMMING

Solved **550+** problems on LeetCode, strengthening skills in algorithms, data structures, and competitive problem-solving.

Achieved a peak contest rank of **2593**; secured a **Top 10k** finish in 11 contests; maintained a global rank under **150k**.

Maintained a LeetCode contest rating of **1600+**, reflecting consistent performance in algorithmic challenges.